stations includes notifying each of said workstations of only the selected database event types for which an interest has been registered.

5. A method as defined in claim **3** wherein the steps of storing said first data value and storing said second data value include each of said workstations obtaining any database event data from a corresponding buffer, and processing said database event data in sequence so that each of said workstations is updated in synchronism with new data values entered at other workstations.

6. A method as defined in claim **5** further including the step of updating the display screen of each of said workstations only when information on said display screen is altered by said database events and only after all database event data has been processed.

7. A method as defined in claim **3** further including the step of updating a copy of said record in each of said workstations in response to notification of a database event, including obtaining any database event data from a corresponding buffer, and processing said database event data in sequence so that each of said workstations is updated in synchronism with new data values entered at other workstations.

8. A method as defined in claim **7** further including the step of updating the display screen of each of said workstations only when the information on the display screen is altered by said database events and only after all database event data has been processed.

9. A method as defined in claim **1** further including the step of displaying said correction history at each of the workstations in response to a request by a user.

10. A medical information system comprising:

a central processor including a medical database, a first workstation for entering data into said medical database and a second workstation for entering data into said medical database, each of the workstations including a display screen;

means for entering a first new data value for a record in said medical database at said first workstation and a second new data value for said record at said second workstation;

means for permitting said first workstation to access said record in said medical database during data entry into said record at said second workstation and for permitting said second workstation to access said record in said medical database during data entry into said record at said first workstation;

means for storing said first new data value in said record in said medical database after completion of data entry for said record at said first workstation and for storing said second new data value in said record in said medical database after completion of data entry for said record at said second workstation, said first and second new data values being stored in said medical database independent of the order in which they are entered at said first and second workstations; and

means for recording a correction history for said record, said correction history containing information as to the update of said record with said first new data value and information as to the update of said record with said second new data value.

11. A medical information system as defined in claim **10** further including means for locking said record to prevent access to said record by said workstations only during the storing of said first and second new data values in said record in said medical database, thereby enabling concurrent data entry at said first workstation and said second workstation.

12. A medical information system as defined in claim **10** further including means for defining database events including a database event for each of said first and second data values, means for placing database event data representative of said database events in buffers corresponding to said workstations, means for notifying said workstations of said database events, and means for transferring said database event data from said buffers to the corresponding workstations when each of said workstations requests such transfer.

13. A medical information system as defined in claim **12** wherein each of said workstations further include means for registering an interest in selected database event types, wherein said means for notifying includes means for notifying each of said workstations of only the selected database event types for which an interest has been registered.

14. A medical information system as defined in claim **12** wherein said means for storing said first new data value and for storing said second new data value includes means for obtaining any database events from a corresponding buffer and means for processing said database event data in sequence so that each of said workstations is updated in synchronism with new data values entered at other workstations.

15. A medical information system as defined in claim **14** further including means for updating the display screen of each of said workstations only when information on said display screen is altered by said database events and only after all database event data has been processed.

16. A medical information system as defined in claim **12** further including means for updating a copy of said record in each of said workstations in response to notification of a database event, including means for obtaining any database event data from a corresponding buffer and means for processing said database event data in sequence so that each of said workstations is updated in synchronism with new data values entered at other workstations.

17. A medical information system as defined in claim **16** further including means for updating the display screen of each of said workstations only when the information on the display screen is altered by said database events and only after all database event data has been processed.

18. A medical information system as defined in claim **10** further including means for displaying said correction history at each of said workstations in response to a request by a user.

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